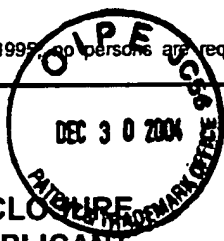


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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1

of

16

Complete If Known

Application Number

10/757,832

Filing Date

01/14/2004

First Named Inventor

Virgin, Herbert W.

Art Unit

4615 1648

Examiner Name

To be assigned chen

Attorney Docket Number

56029/45752

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
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				Filing Date	01/14/2004
				First Named Inventor	Virgin, Herbert W.
				Group Art Unit	1015 1648
				Examiner Name	To be assigned Chen
Sheet	2	of	16	Attorney Docket Number	56029/45752

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
SPC	01	GLASS, R.I. et al. The Epidemiology of Enteric Caliciviruses from Humans: A Reassessment Using New Diagnostics. The Journal of Infectious Diseases 181 Suppl 2, S254-S261 (2000).	
	02	KAPIKIAN, A.Z. et al. Fields Virology. Fields, B.N. et al. (eds), 783-810 (1996).	
	03	PANG, X.L. et al. Human Calicivirus-Associated Sporadic Gastroenteritis in Finnish Children Less Than Two-Years of Age Followed Prospectively During a Rotavirus Vaccine Trial. Pediatr. Infect. Dis. J. 18, 420-426 (1999).	
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	05	KAPIKIAN, A.Z. et al. Visualization by Immune Electron Microscopy of a 27-nm Particle Associated with Acute Infectious Nonbacterial Gastroenteritis. Journal of Virology 10, 1075-1081 (1972).	
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	10	FANKHAUSER, R.L. et al. Molecular Epidemiology of "Norwalk-like Viruses" in Outbreaks of Gastroenteritis in the United States. The Journal of Infectious Diseases 178, 1571-1578 (1998).	
	11	HEDLUND, K.O. et al. Epidemiology of Calicivirus Infections in Sweden, 1994-1998. The Journal of Infectious Diseases 181 Suppl 2, S275-S280 (2000).	

Examiner Signature	Hay B. Chen	Date Considered	11/14/05
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			Filing Date	01/14/2004	
			First Named Inventor	Virgin, Herbert W.	
			Group Art Unit	1645 1648	
			Examiner Name	To be assigned - Chen	
Sheet	3	of	16	Attorney Docket Number	56029/45752

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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SBC	12	KOOPMANS, M. et al. Molecular Epidemiology of Human Enteric Caliciviruses in The Netherlands. The Journal of Infectious Diseases 181 Suppl 2, S262-S269 (2000).	
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				First Named Inventor	Virgin, Herbert W.
				Group Art Unit	1615
				Examiner Name	To be assigned
Sheet	4	of	16	Attorney Docket Number	56029/45752

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	23	ANDO, T. et al. Genetic Classification of "Norwalk-like Viruses". The Journal of Infectious Diseases 181 Suppl 2, S336-S348 (2000).	
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	33	THIEL and KONIG. Caliciviruses: An Overview. Veterinary Microbiology 69, 55-62 (1999).	

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				Filing Date	01/14/2004
				First Named Inventor	Virgin, Herbert W.
				Group Art Unit	1615
				Examiner Name	To be assigned
Sheet	5	of	16	Attorney Docket Number	56029/45752

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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	34	SOSNOVTSEV and GREEN. RNA Transcripts Derived from a Cloned Full-Length Copy of the Feline Calicivirus Genome Do Not Require VpG for Infectivity. <i>Virology</i> 210, 383-390 (1995).	
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				First Named Inventor	Virgin, Herbert W.
				Group Art Unit	1615
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	45	ALONSO, J.M.M. et al. Processing of Rabbit Hemorrhagic Disease Virus Polyprotein. Journal of Virology 70, 1261-1265 (1996).	
	46	WIRBLICH, C. et al., Genetic Map of the Calicivirus Rabbit Hemorrhagic Disease Virus as Deduced from In Vitro Translation Studies. Journal of Virology 70, 7974-7983 (1996).	
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	55	SEAH, E.L. et al. Variation in ORF3 of Genogroup 2 Norwalk-like Viruses. Archives of Virology 144, 1007-1014 (1999).	

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	56	SOSNOVTSEV and GREEN. Identification and Genomic Mapping of the ORF3 and VPg Proteins in Feline Calicivirus Virions. <i>Virology</i> 277, 193-203 (2000).	
	57	NEILL, J.D. Nucleotide Sequence of the Capsid Protein Gene of Two Serotypes of San Miguel Sea Lion Virus: Identification of Conserved and Non-Conserved Amino Acid Sequences Among Calicivirus Capsid Proteins. <i>Virus Research</i> 24, 211-221 (1992).	
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	59	FLYNN and SAIF. Serial Propagation of Porcine Enteric Calicivirus-like Virus in Primary Porcine Kidney Cell Cultures. <i>Journal of Clinical Microbiology</i> 26, 206-212 (1988).	
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	64	GREEN, K.Y. et al. Expression and Self-Assembly of Recombinant Capsid Protein from the Antigenically Distinct Hawaii Human Calicivirus. <i>Journal of Clinical Microbiology</i> 35, 1909-1914 (1997).	
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	66	KREUTZ and SEAL. The Pathway of Feline Calicivirus Entry. <i>Virus Research</i> 35, 63-70 (1995).	

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	67	KONIG, M. et al. Detection of Viral Proteins After Infection of Cultured Hepatocytes with Rabbit Hemorrhagic Disease Virus. Journal of Virology 72, 4492-4497 (1998).	
	68	JIANG, X. et al. Baculovirus Expression and Antigenic Characterization of the Capsid Proteins of Three Norwalk-like Viruses. Archives of Virology 147, 119-130 (2002).	
	69	GREEN, K.Y. et al. Comparison of the Reactivities of Baculovirus-Expressed Recombinant Norwalk Virus Capsid Antigen with Those of the Native Norwalk Virus Antigen in Serologic Assays and Some Epidemiologic Observations. Journal of Clinical Microbiology 31, 2185-2191 (1993).	
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	76	PRASAD, B.V. et al. Three-Dimensional Structure of Calicivirus. Journal of Molecular Biology 240, 256-264 (1994).	
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				First Named Inventor	Virgin, Herbert W.
				Group Art Unit	1615
				Examiner Name	To be assigned
Sheet	9	of	16	Attorney Docket Number	56029/45752

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	78	PRASAD, B.V. et al. X-ray Crystallographic Structure of the Norwalk Virus Capsid. Science 286, 287-290 (1999).	
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	89	PEDERSEN, N.C. et al. An Isolated Epizootic of Hemorrhagic-like Fever in Cats Caused by a Novel and Highly Virulent Strain of Feline Calicivirus. <i>Veterinary Microbiology</i> 73, 281-300 (2000).	
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	100	BURROUGHS, N. et al. Relationship of San Miguel Sea Lion Virus to Other Members of the Calicivirus Group. Intervirology 10, 51-59 (1978).	
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	111	SMITH, A.W. et al. Calicivirus Isolation and Persistence in a Pygmy Chimpanzee (<i>Pan paniscus</i>). <i>Science</i> 221, 79-81 (1983).	
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